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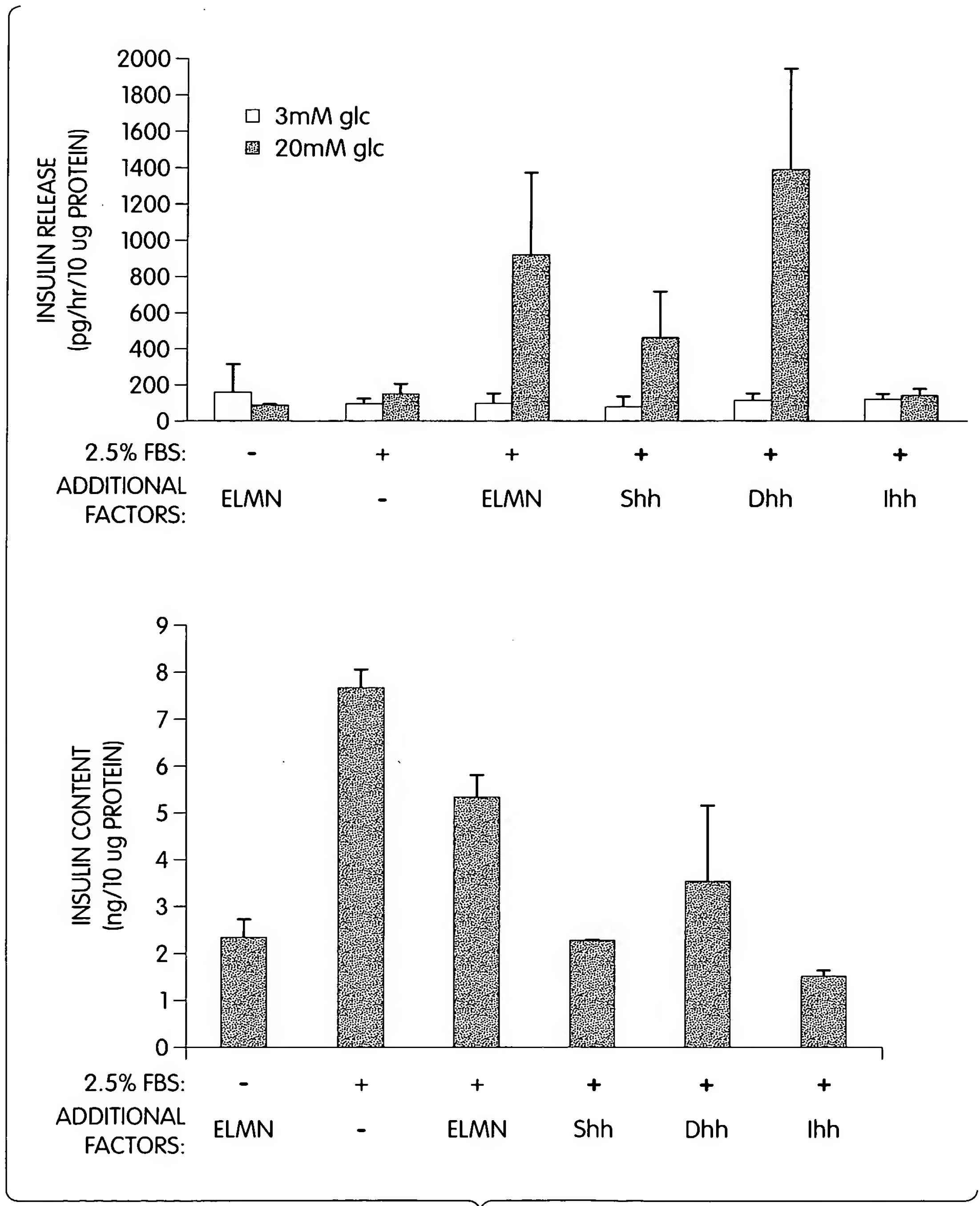


Fig. 1

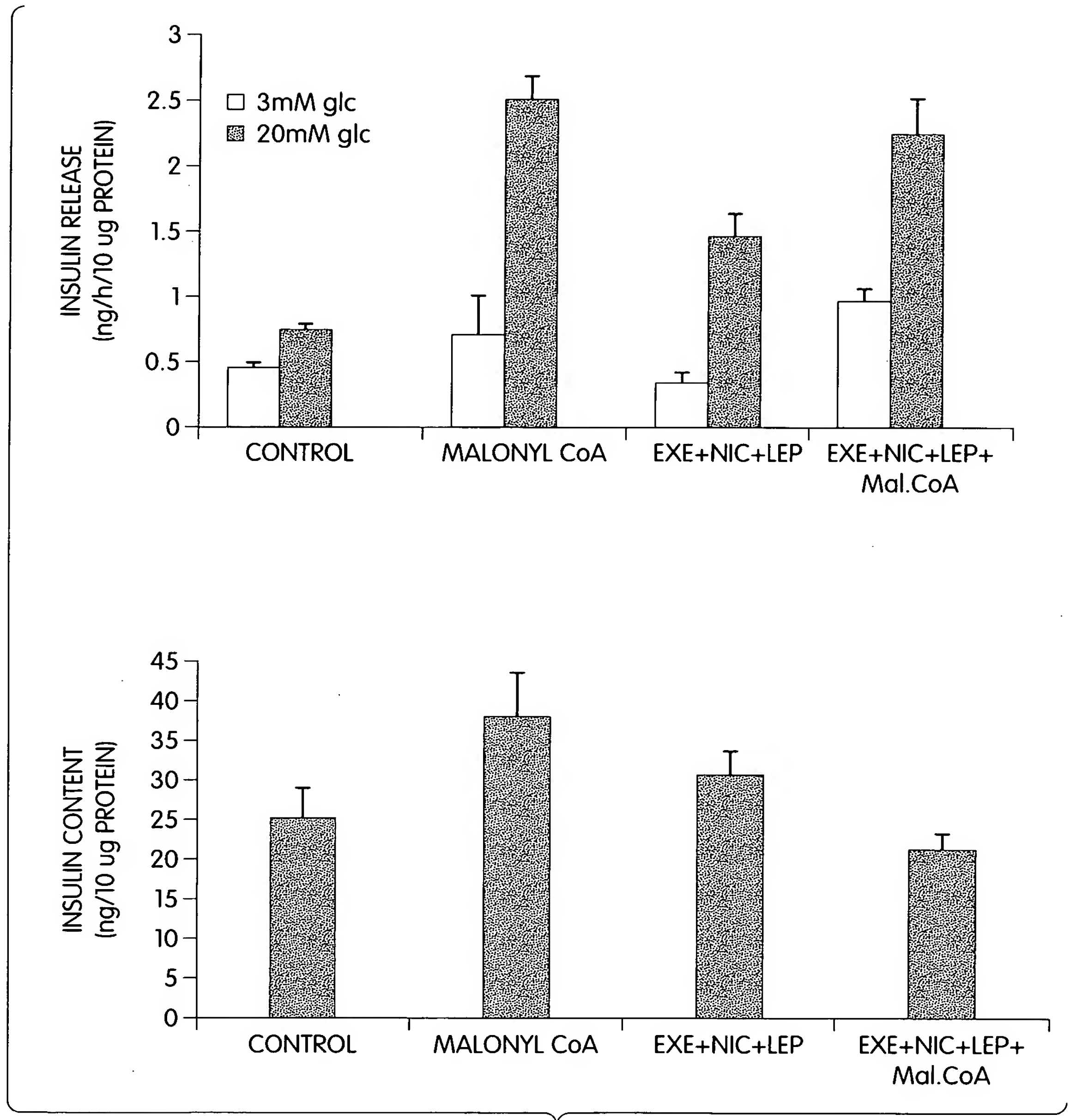


Fig. 2

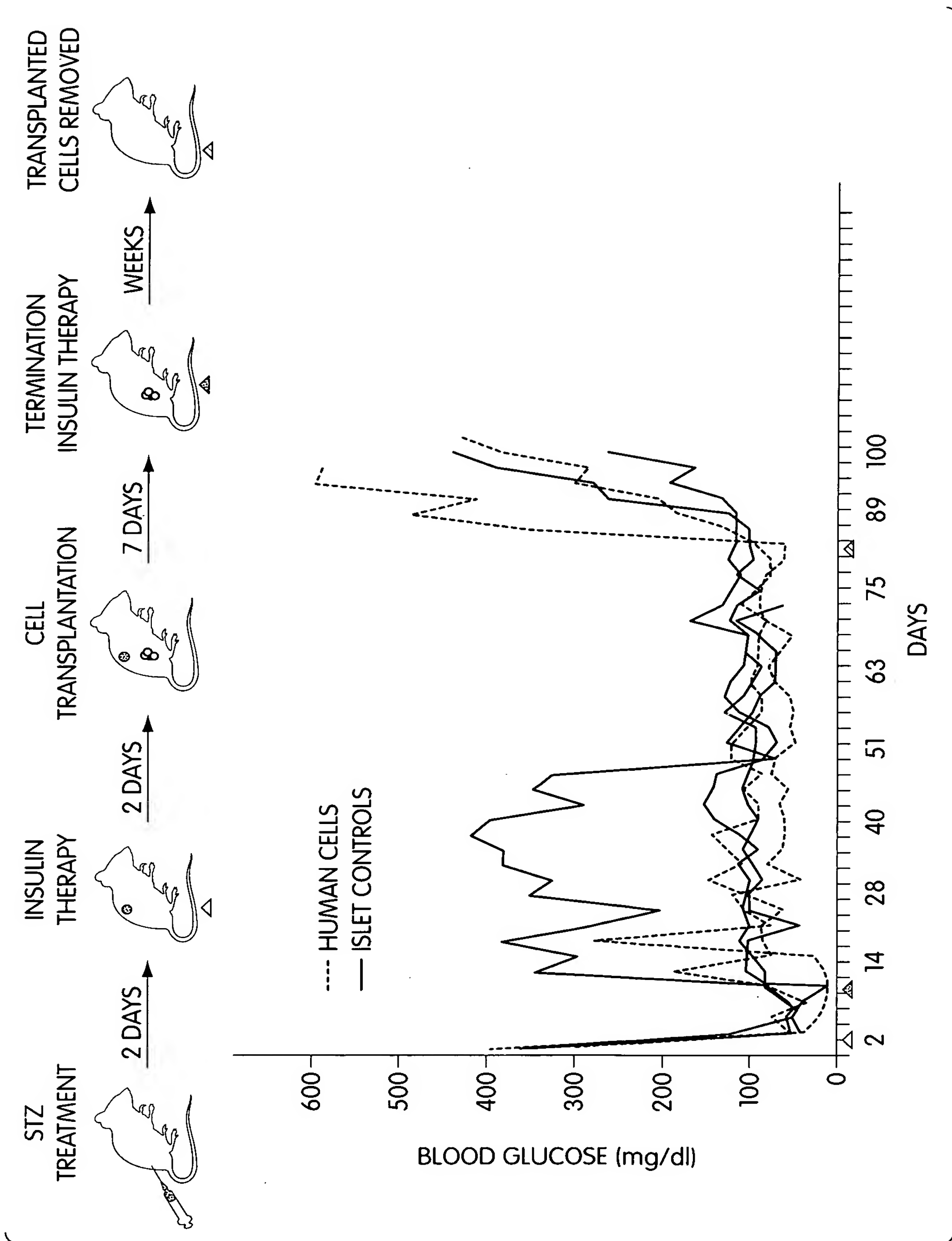
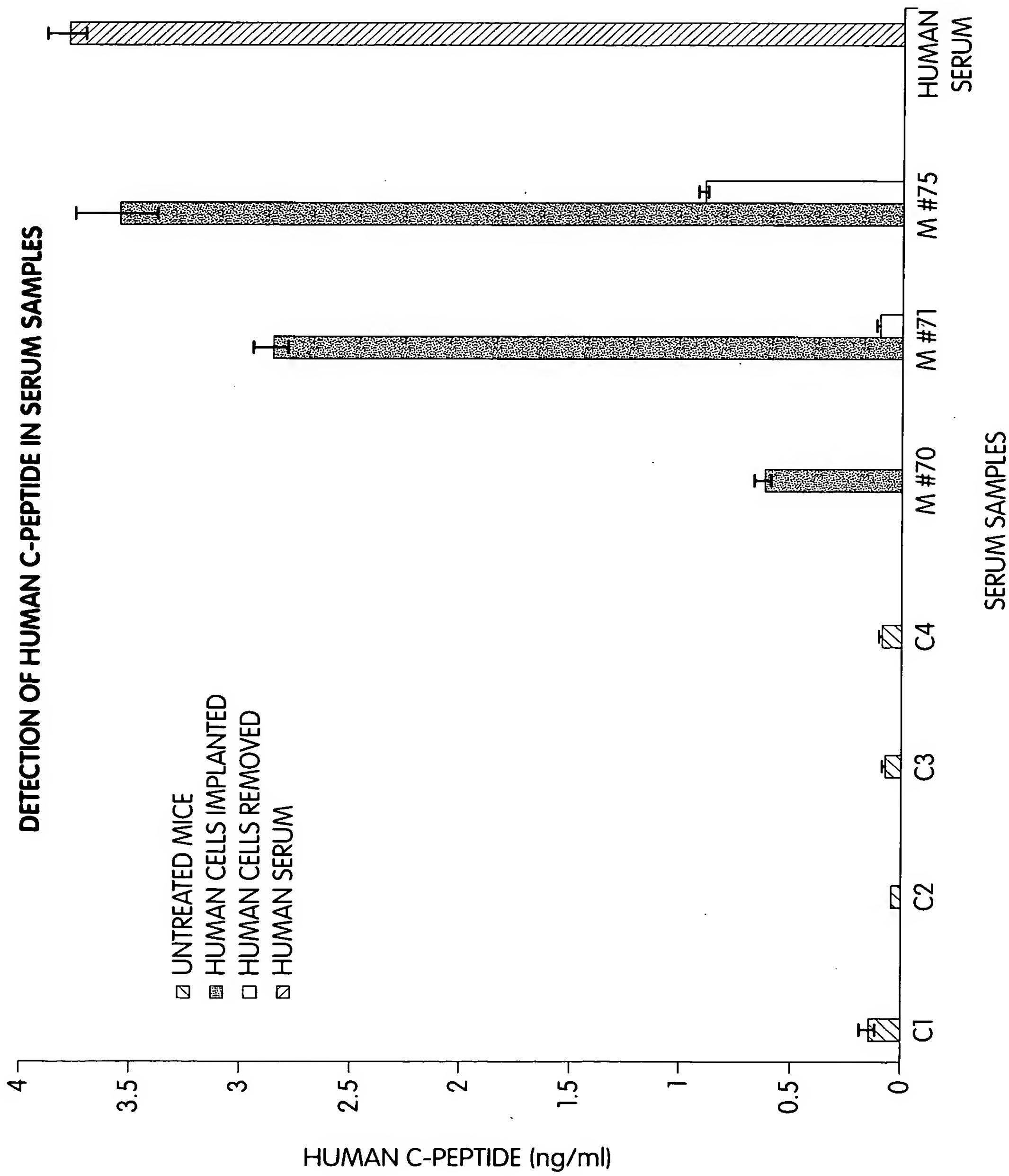


Fig. 3



**Fig. 4**

**Pdx-1+ CELL EXPANSION**

	Pdx-1+	*TOTAL IEs	INCREASE
ORIGINAL PROTOCOL - MULTISTEP I - V	366,240	532	
EXPANSION PROTOCOL	22,824,000	32,605	62
EXPANSION PROTOCOL + FOLLISTATIN	103,020,000	147,171	281
EXPANSION PROTOCOL + FOLLISTATIN + EXENDIN-4	110,061,000	157,230	300

\* ESTIMATED NUMBER OF ISLET EQUIVALENTS (IEs) BASED ON Pdx-1+ CELLS PRESENT

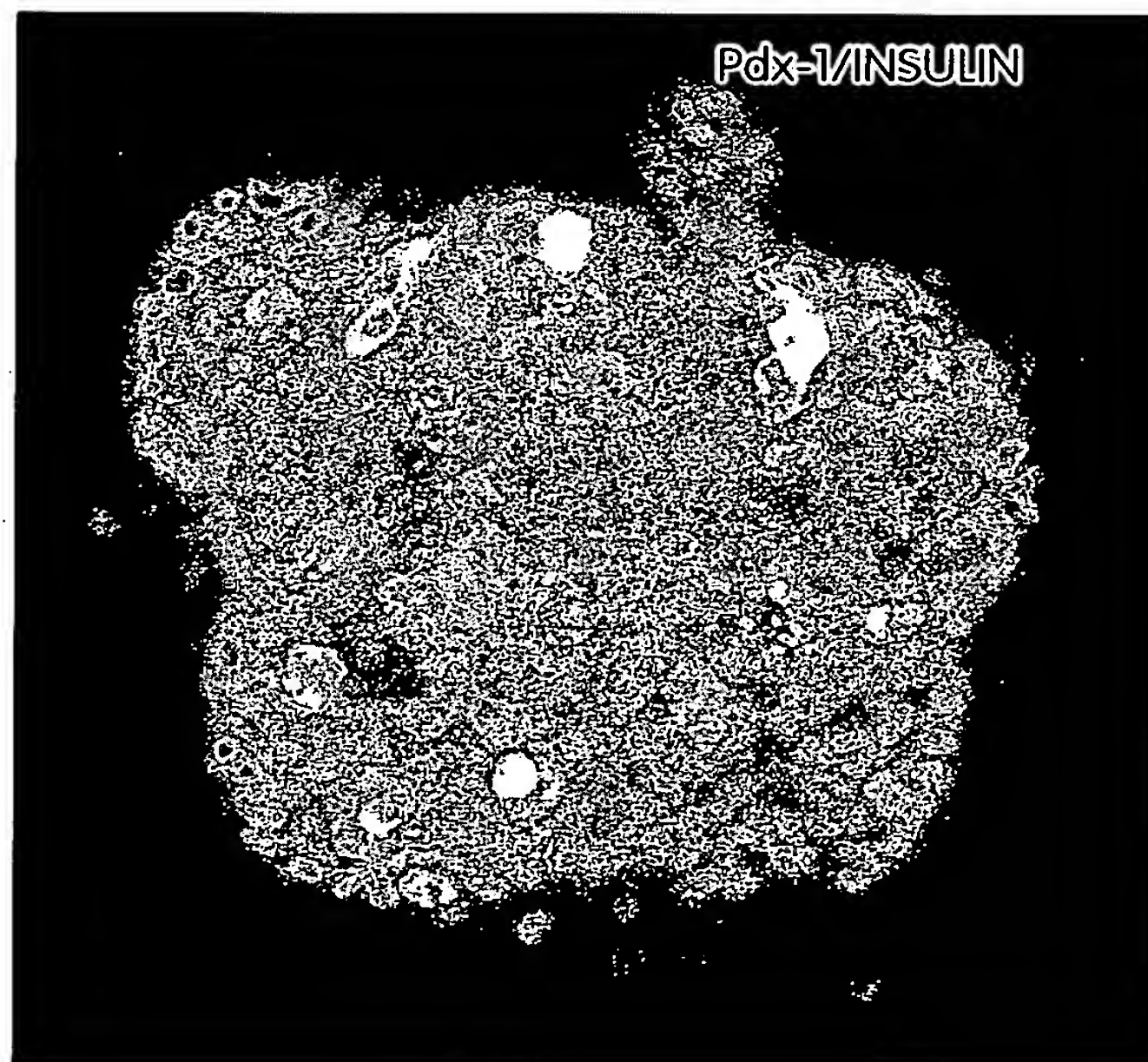
**Fig. 5**

**COMPARISON OF Pdx-1+ CELLS PRODUCED IN A  
SINGLE CELL CLUSTER USING FOLLISTATIN ADDITION**

EXPANSION MEDIUM (40X)



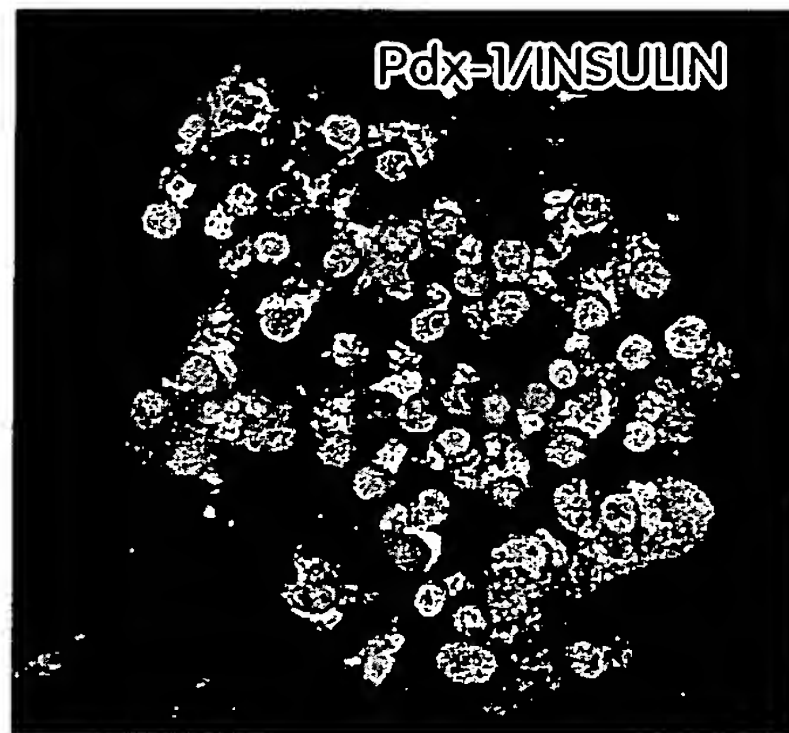
EXPANSION MEDIUM + FOLLISTATIN (40X)



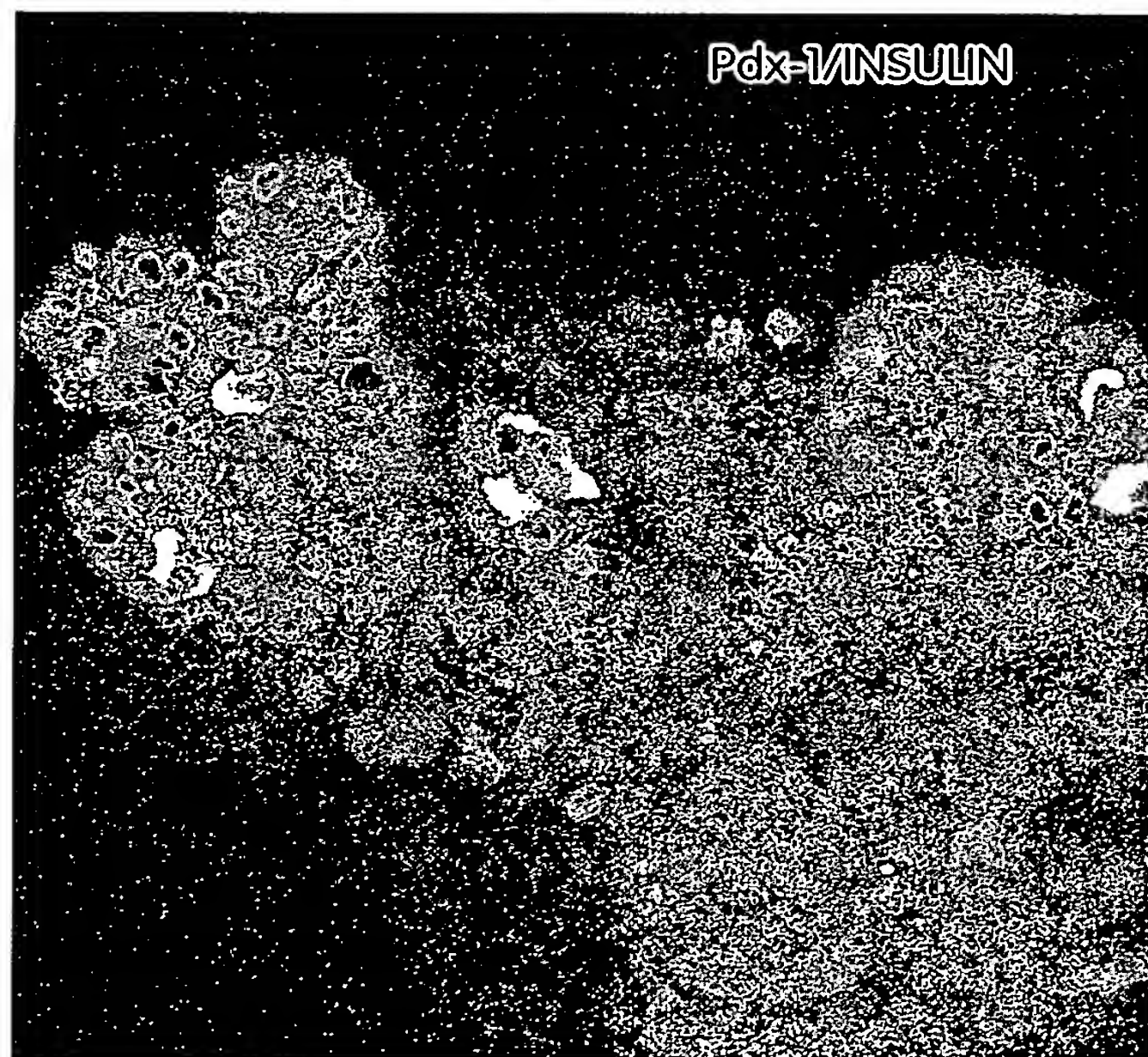
**Fig. 6**

**COMPARISON OF Pdx-1+ CELLS PRODUCED IN A  
SINGLE CELL CLUSTER USING FOLLISTATIN AND  
EXENDIN-4 ADDITION**

EXPANSION MEDIUM (40X)



EXPANSION MEDIUM + FOLLISTATIN + EXENDIN-4 (40X)



**Fig. 7**